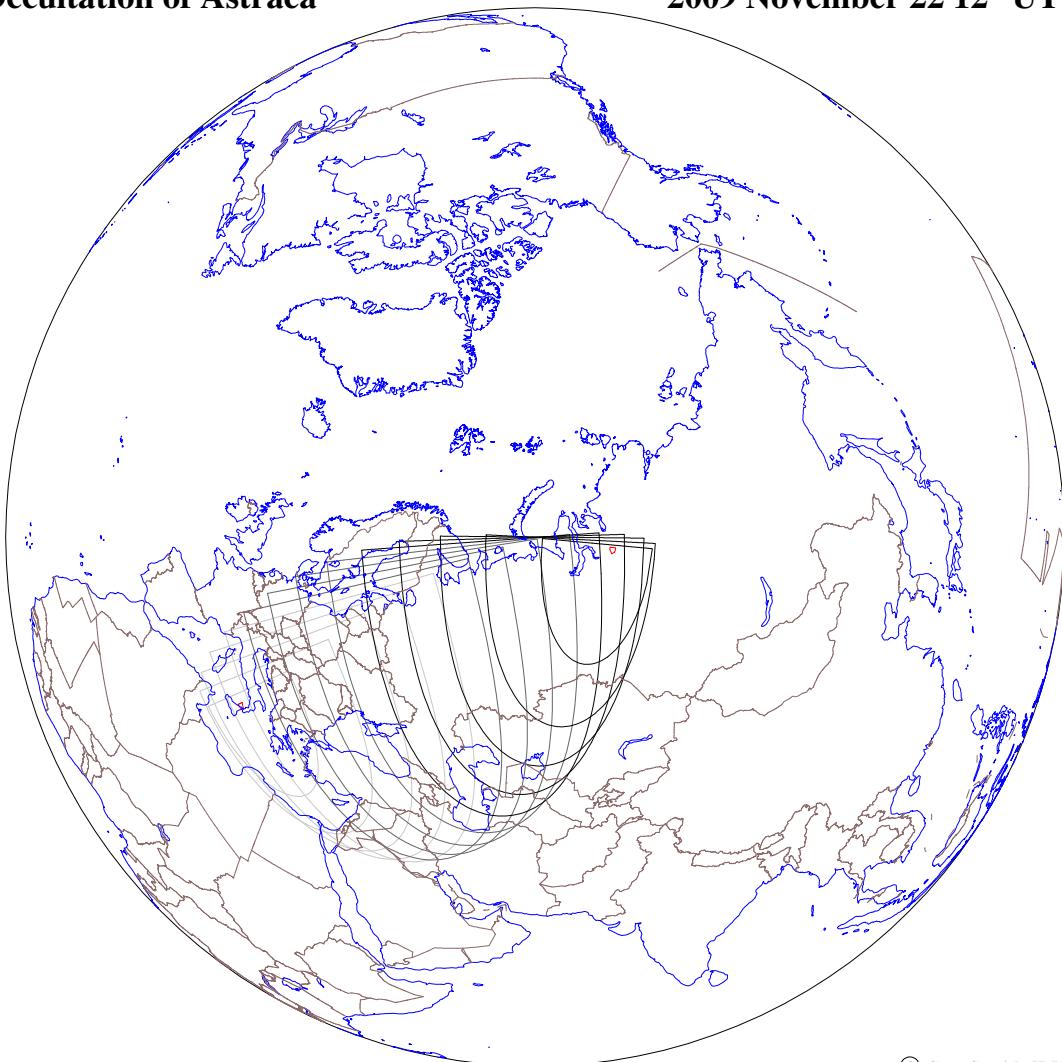


Occultation of Astraea

2009 November 22 12^h UT1



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Conjunction	2009 November 22	Centre of the globe: longitude	060°3 E
Time	12 ^h 19 ^m 41 ^s TT	latitude	70°9 N
Right ascension	20 ^h 26 ^m 12 ^s	First shadow 2009 Nov. 22 at	10 ^h 24 ^m 8 UT1
Declination	-19° 08' 08"	Last shadow 2009 Nov. 22 at	12 ^h 47 ^m 2 UT1
Delta T = TT - UT1 =	66 ⁰ 0	Footprints (light to dark) every	00 ^h 10 ^m 0